

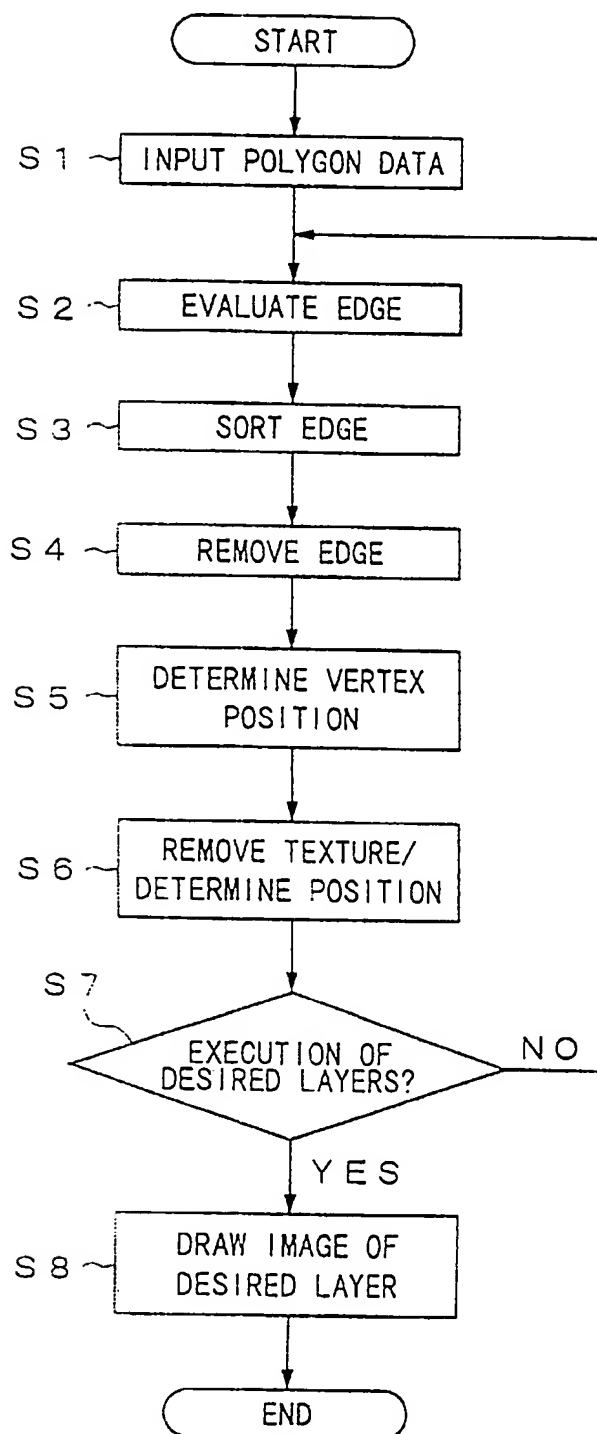
Fig. 1

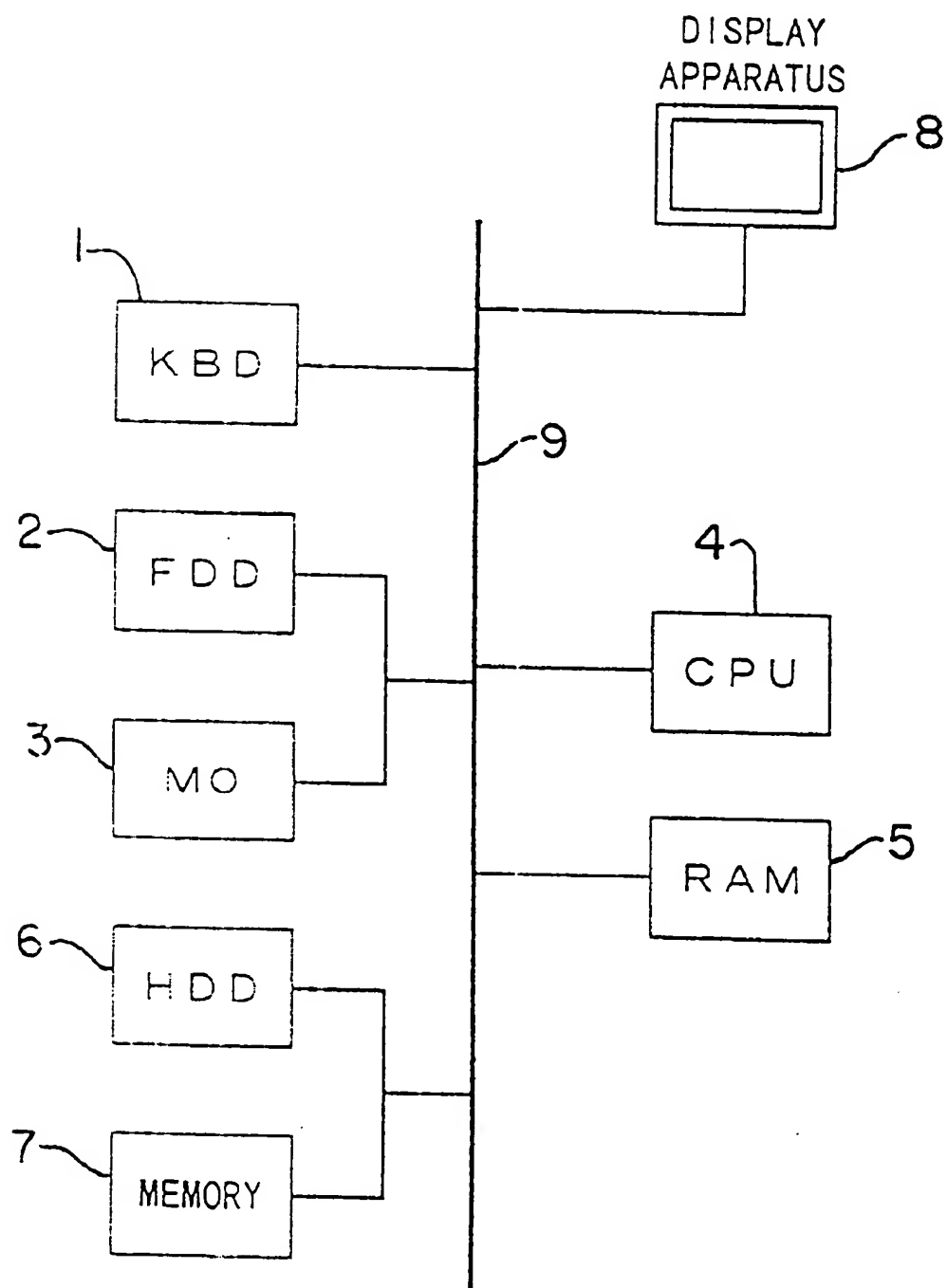
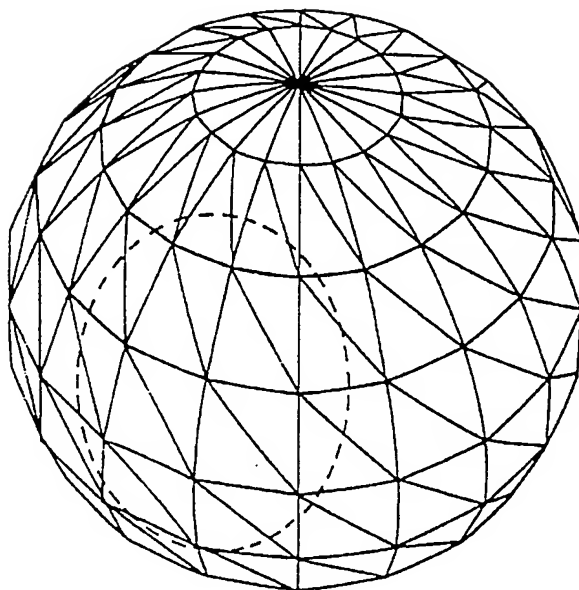
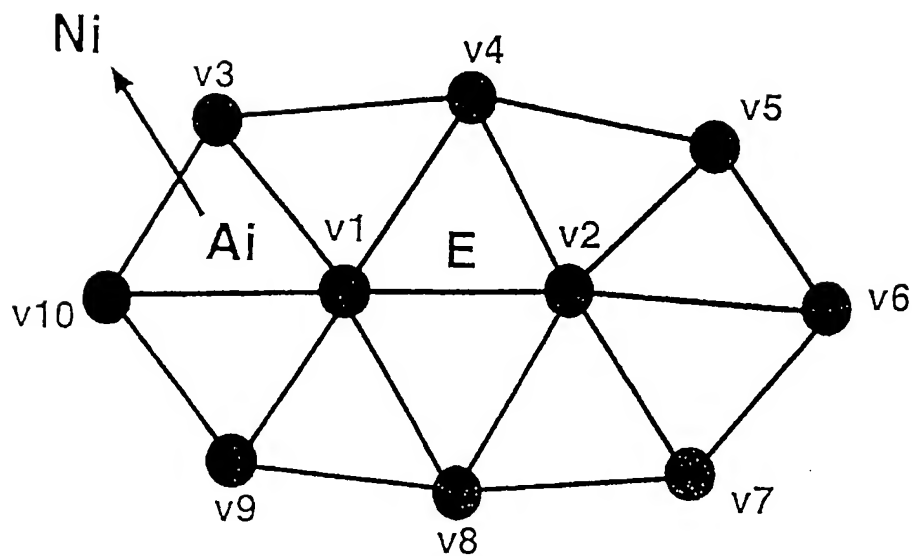
Fig. 2

Fig. 3A*Fig. 3B*

E:edge, Ni:normal, Ai:area,
v1~v10:vertices

Fig. 4A

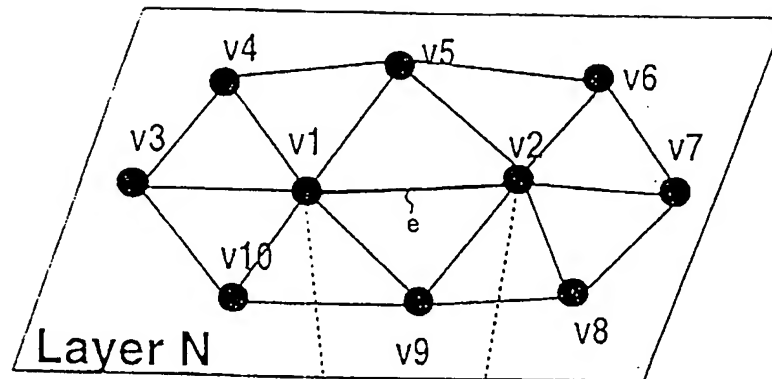


Fig. 4B

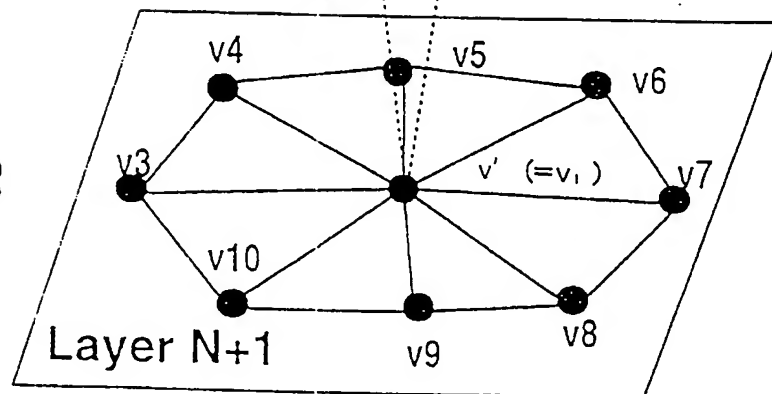


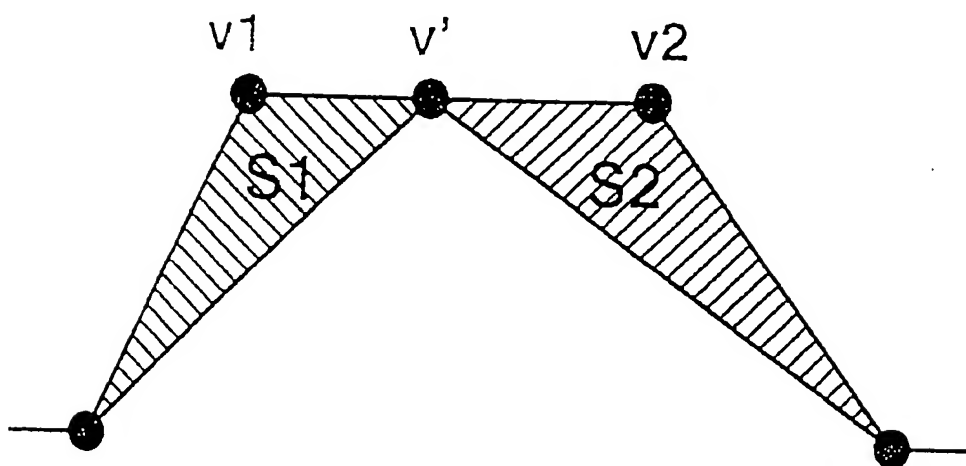
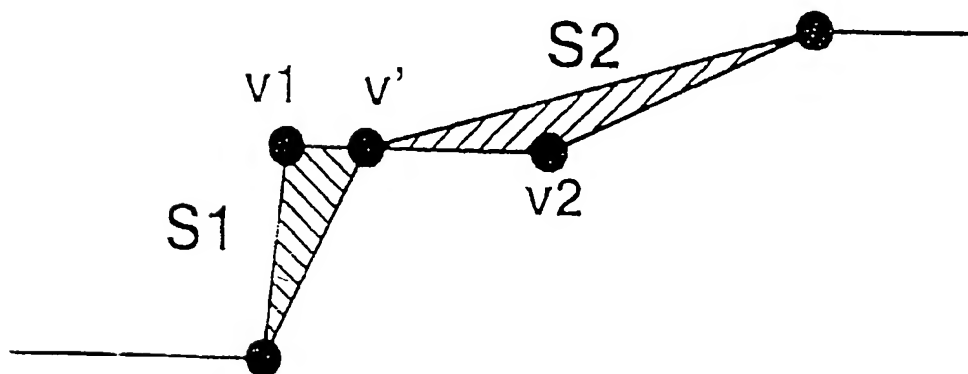
Fig. 5A*Fig. 5B*

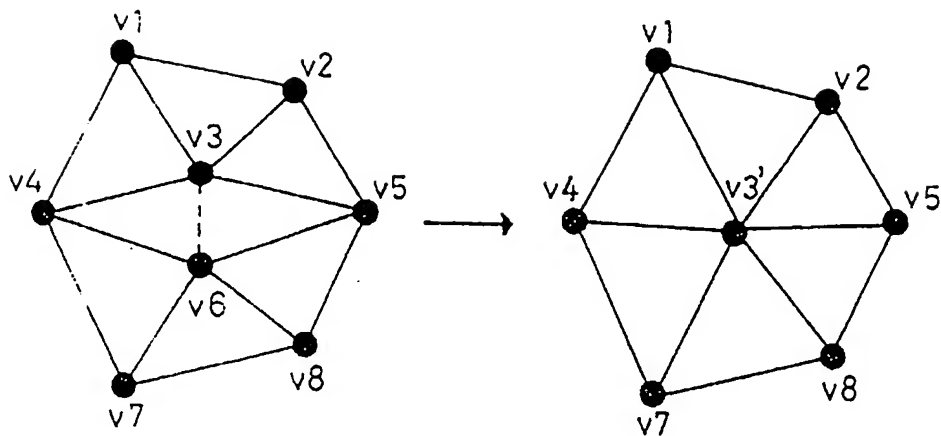
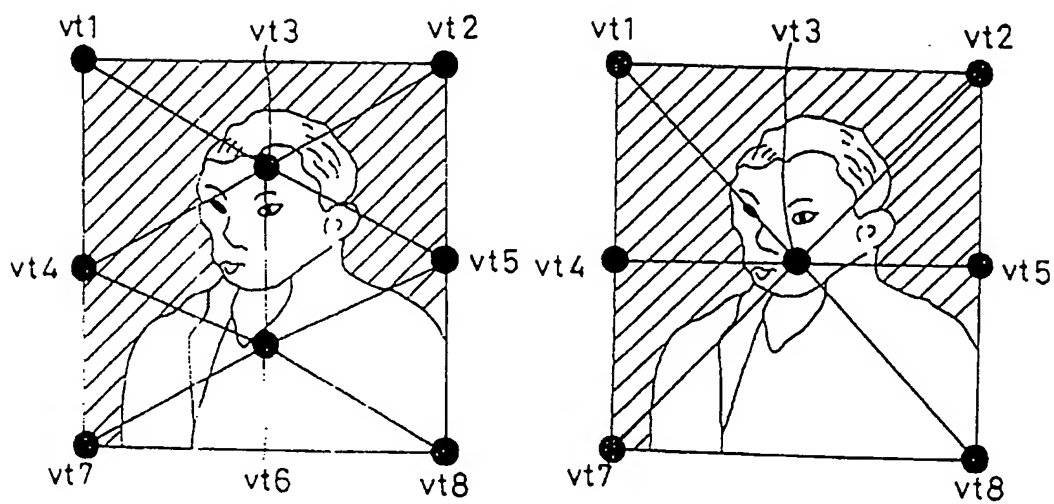
Fig. 6A*Fig. 6B*

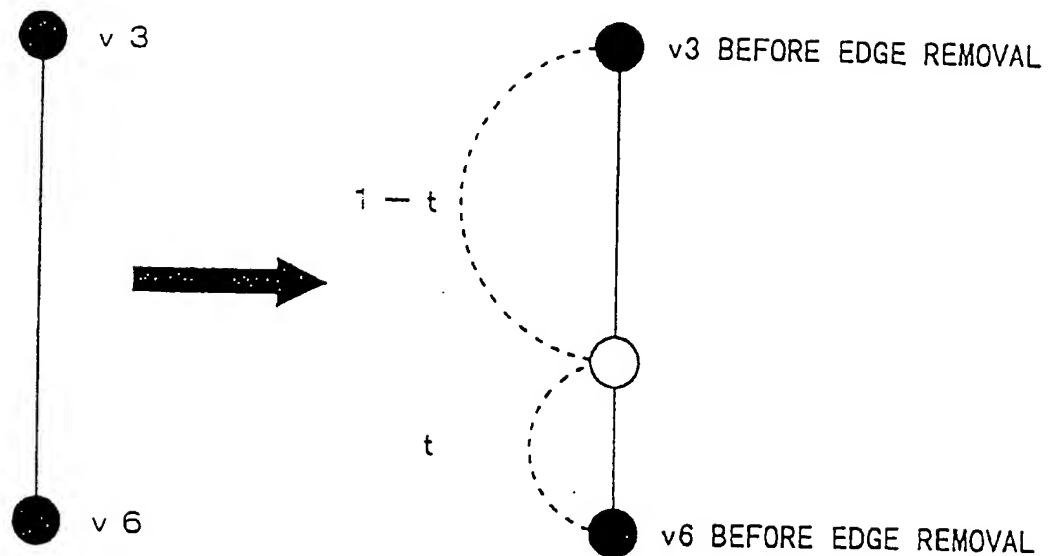
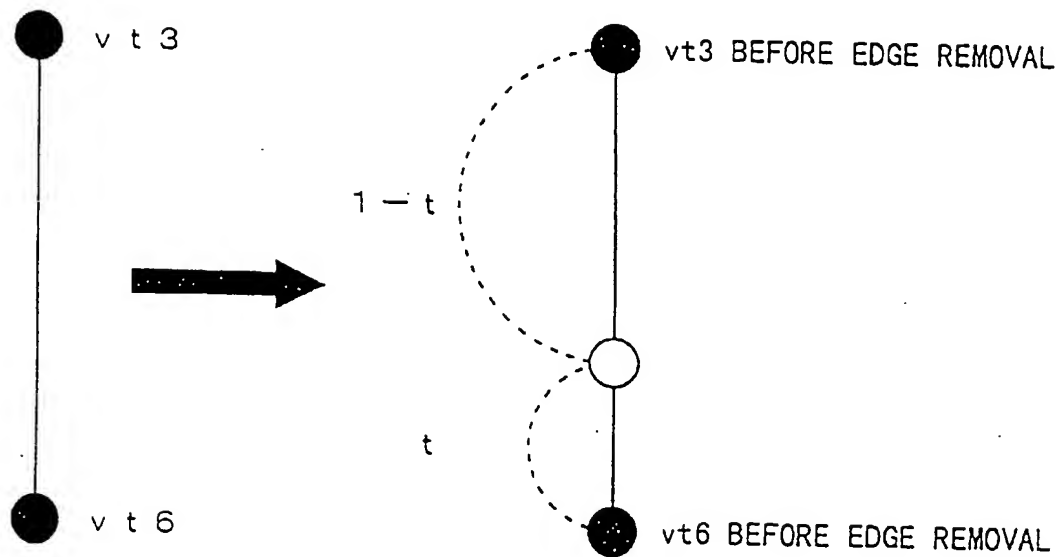
Fig. 7A*Fig. 7B*

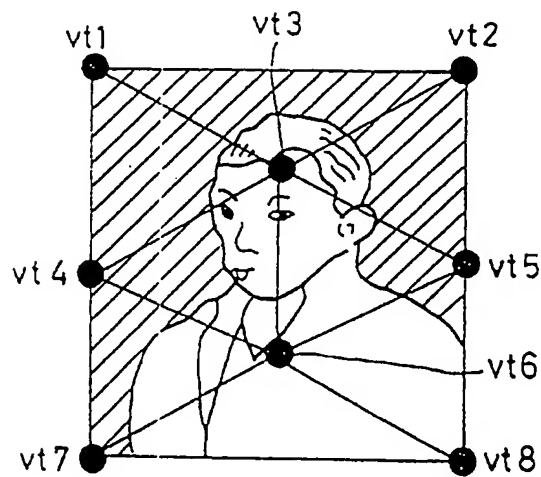
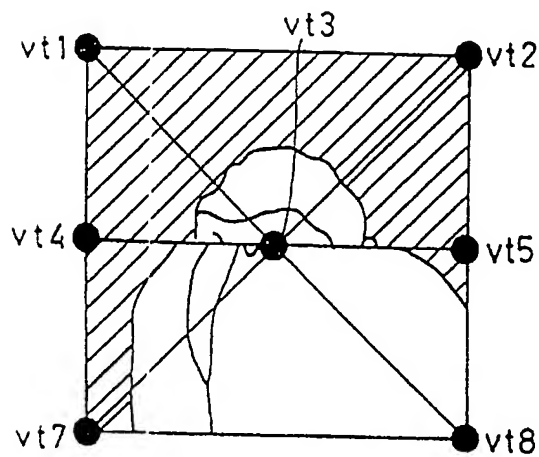
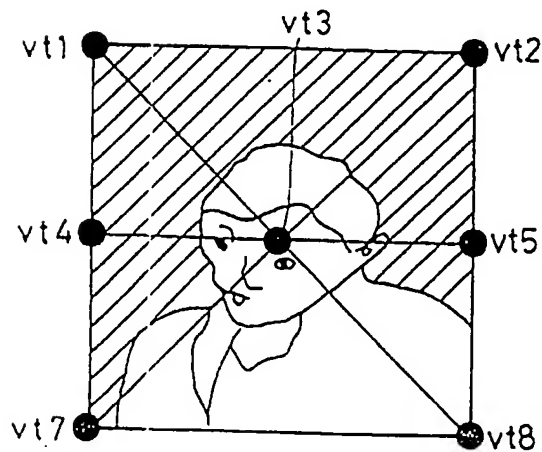
Fig. 8A*Fig. 8B**Fig. 8C*

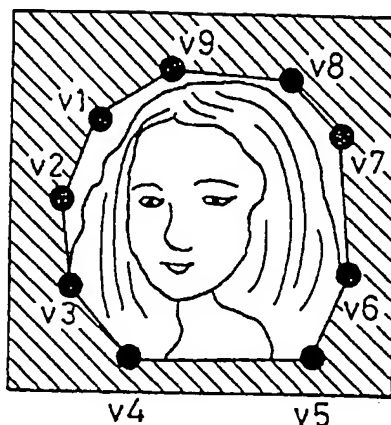
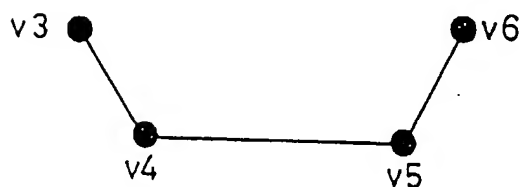
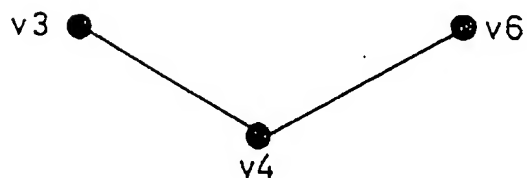
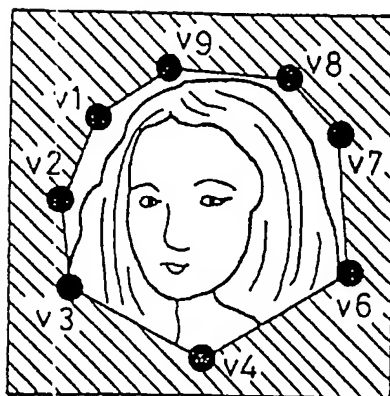
Fig. 9A*Fig. 9B**Fig. 9C**Fig. 9D*

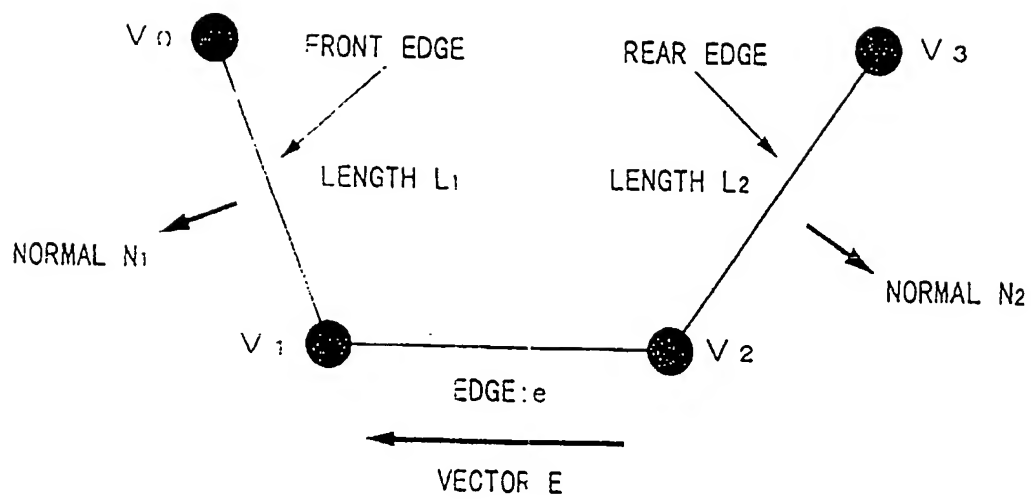
Fig. 10

Fig. 11A

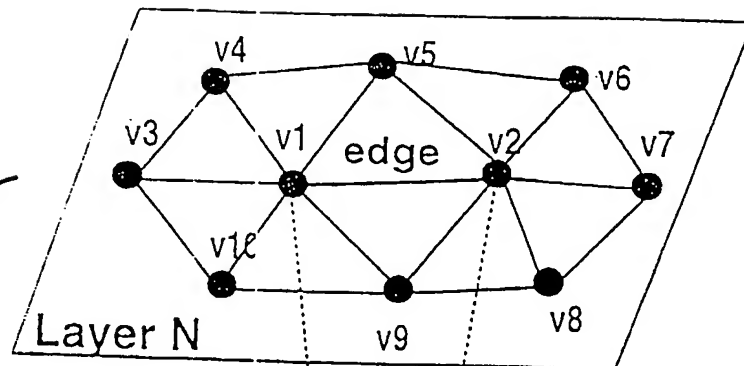


Fig. 11B

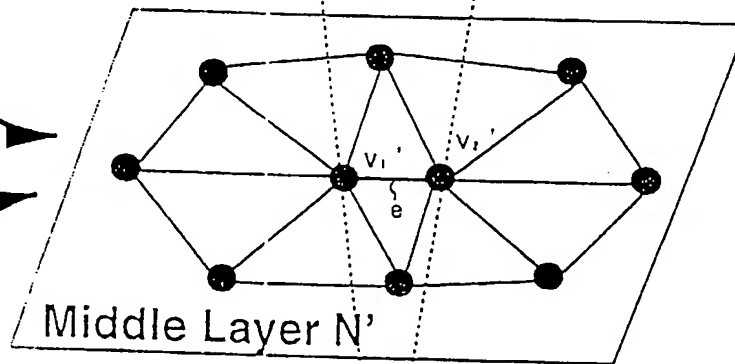


Fig. 11C

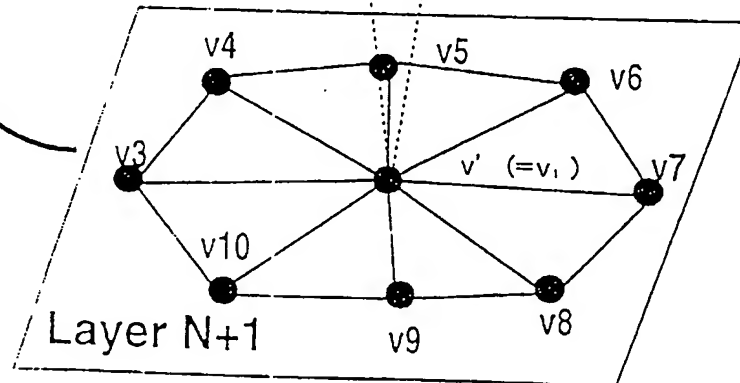


Fig. 12

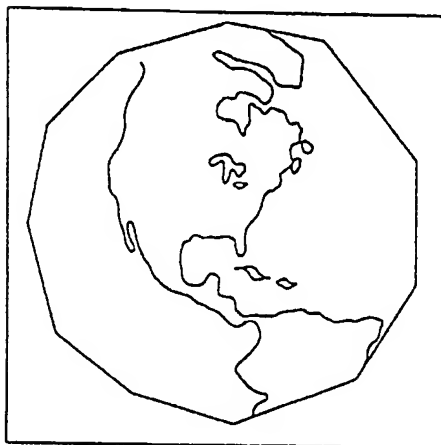
original:182vertices



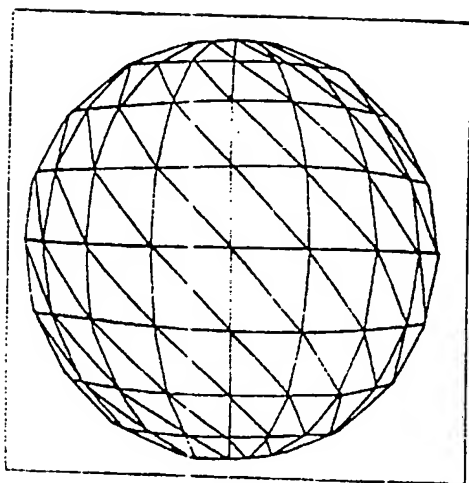
60%:109vertices



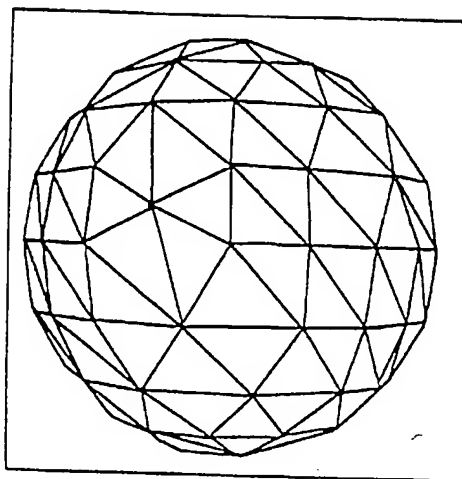
36%:66vertices



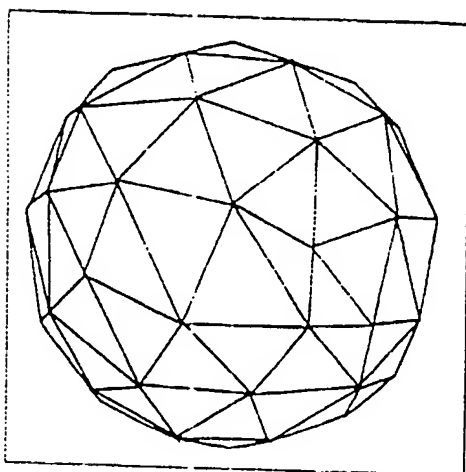
21.6%:39vertices

Fig. 13

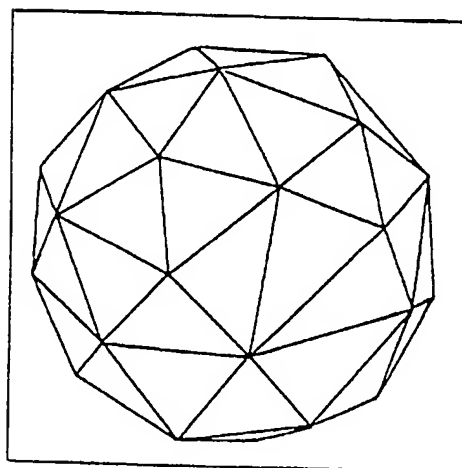
original: 182 vertices



60%: 109 vertices



36%: 66 vertices



21.6%: 39 vertices

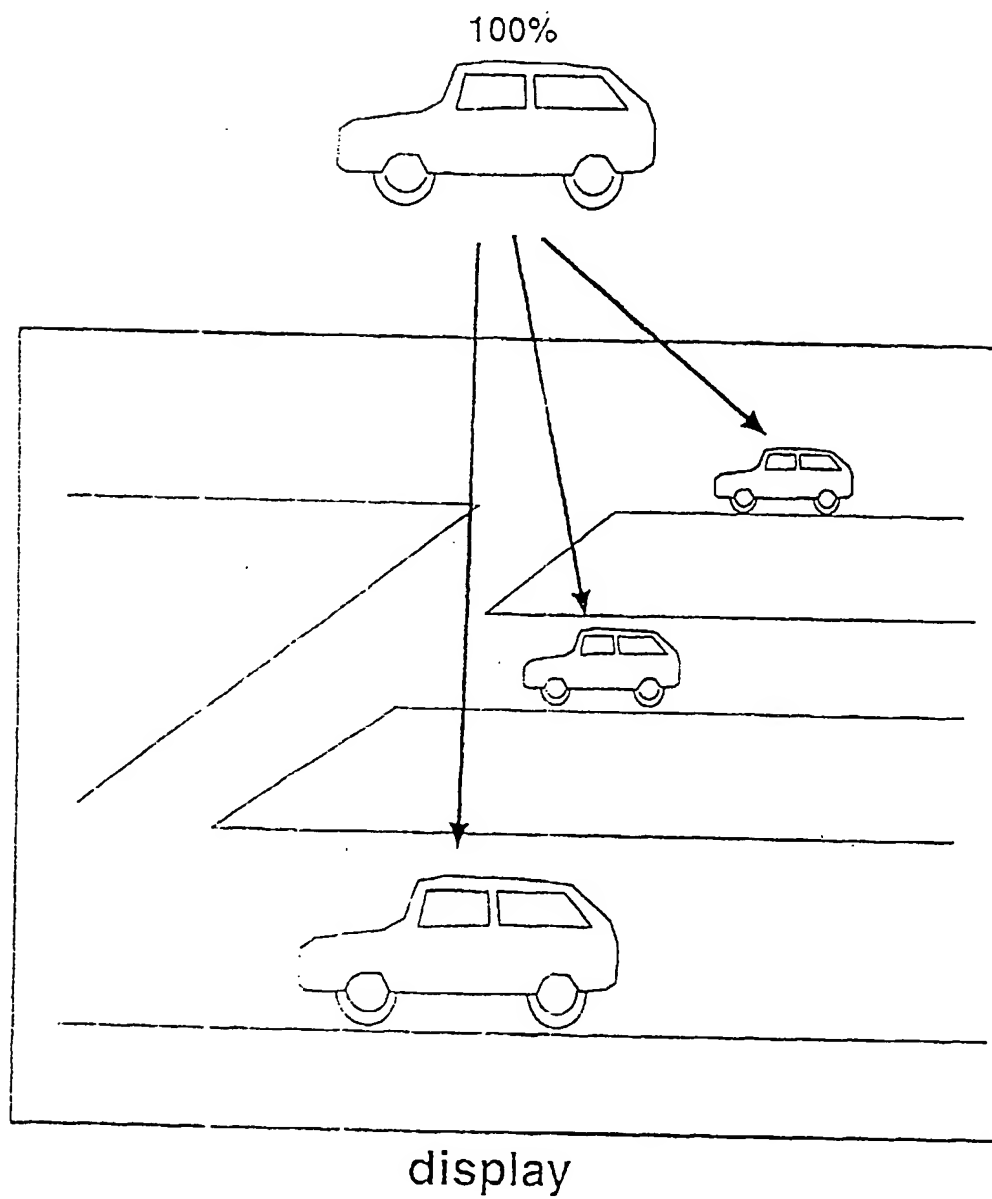
*Fig. 14***PRIOR ART**

Fig. 15